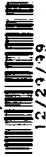
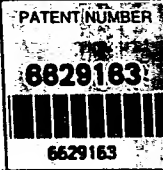


30-690 U.S. PTO
09/474664



70	Class	Subclass	ISSUE CLASSIFICATION



U.S. UTILITY Patent Application

①	O.I.P.E.	PATENT DATE
SCANNED <i>bn</i>	O.A. <i>UP</i>	SEP 30 2003

APPLICATION NO. 09/474664	CONT/PRIOR	CLASS 70	SUBCLASS 5	ART UNIT 2725	EXAMINER <i>P. J. H. N.</i>
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APPLICANTS

PTO-2040
12/99

ISSUING CLASSIFICATION									
ORIGINAL		CROSS REFERENCE(S)							
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
70	53	70	1	3	5	51	131		
INTERNATIONAL CLASSIFICATION		370	401	457	475	535	536	542	
U.S. CL.	70/53								
H.C. 4	12/56								
H.C. 4	12/54								

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8/24/03 Formal Drawings (14 sheets) set 3/3/03 *bc*

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. 16	Figs. Drwg. 18	Print Fig. 1	Total Claims 44	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<i>Jeffrey Gaffin</i> (Assistant Examiner)			NOTICE OF ALLOWANCE MAILED 5-20-03	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____	JEFFREY GAFFIN SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2100 <i>Jeffrey Gaffin</i> (Primary Examiner)			ISSUE FEE <i>16</i> Amount Due \$650.00 Date Paid 8-6-03	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<i>DA</i> (Legal Instruments Examiner)			ISSUE BATCH NUMBER	

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